

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A filter cartridge [(1)] with a filter material, comprising: a cartridge container [(6)] with a bottom wall [(2)] and a peripheral wall [(3)] and [(with)] a lid [(10)], which durably shuts the cartridge container [(6)], comprised of a lid bottom [(11)] and a strip-shaped lateral wall [(16)], with a form matching according to its border, which is fitted at the inner side of the peripheral wall [(3)], whereby [(that)] the lid bottom [(11)] merges with the lateral wall [(16)] in the direction of the peripheral wall [(3)] along an inward curved edge section [(14)], whereby the curved edge section [(14)] and the lateral wall [(16)] join in a common wall section [(15)], tapering inwards, in [(the)] a forming region area with the matching form.

2. (Currently Amended) The filter cartridge as claimed in claim 1, wherein the lateral wall [(16)] is connected with the curved edge section [(14)] tangentially.

3. (Currently Amended) The filter cartridge as claimed in claim 1, wherein the common wall section [(15)] forms [(the)] a lower wall section [(18)] of the lateral wall [(16)].

4. (Currently Amended) The filter cartridge according to claim 1, wherein the curved edge section [(14)] extends up to the inner end of the strip-shaped lateral wall [(16)].

5. (Currently Amended) The filter cartridge according to claim 1, wherein the curved edge section [(14)] has a mean edge radius of curvature R , which satisfies $R \geq 5 \times S$, whereby S indicates the thickness of the peripheral wall [(3)] of the cartridge container [(6)].

6. (Currently Amended) The filter cartridge according to claim 1, wherein the curved edge section **[(14)]** spans an angle α from 80° to 100°.

7. (Currently Amended) The filter cartridge according to claim 1, wherein the lateral wall **[(16)]** has an upper wall section **[(17)]**, which extends upward from the common wall section **[(15)]** at least up to height of the lid bottom **[(11)]**.

8. (Currently Amended) The filter cartridge according to claim 7, wherein the upper wall section **[(17)]** of the lateral wall **[(16)]** and the curved edge section **[(14)]** border on their outer side forming a ring space **[(5)]** with a wedge-shaped cross section.

9. (Currently Amended) The filter cartridge according to claim 1, further comprising a back-up ring ~~(20)~~ is arranged on the lid **[(10)]**.

10. (Currently Amended) The filter cartridge according to claim 9, wherein at least **[(the)]** a bottom contour of the back-up ring **[(20)]** is built such that it is complementary to **[(the)]** an outer contour of the lid **[(10)]**.

11. (Currently Amended) The filter cartridge according to claim 9, wherein the back-up ring **[(20)]** does not fill **[(the)]** a wedge-shaped ring area **[(5)]** completely.

12. (Currently Amended) The filter cartridge according to claim 9, further comprising a slit-shaped recess **[(30)]** between the back-up ring **[(20)]** and a position **[(14')]** of the curved edge section **[(14)]** bordering on the common wall section **[(15)]**.

13. (Currently Amended) The filter cartridge according to claim 1, wherein at least one section **[(19)]** of the common wall section **[(15)]** is laser welded with the peripheral wall **[(3)]**.

14. (Currently Amended) The filter cartridge according to the claim 13, wherein the section **[(19)]** is glued or butt-welded with the peripheral wall **[(3)]**.

15. (Currently Amended) The filter cartridge according to claim 1, wherein the material of the cartridge container **[(6)]** is transparent to laser light and at least the material of the lateral wall **[(16)]** of the lid **[(10)]** is absorptive to laser light.

16. (Currently Amended) The filter cartridge as claimed in claim 2, wherein the common wall section **[(15)]** forms **[(the)]** a lower wall section **[(18)]** of the lateral wall **[(16)]**.

17. (Currently Amended) The filter cartridge according to claim 16, wherein the curved edge section **[(14)]** has a mean edge radius of curvature R , which satisfies $R \geq 5 \times S$, whereby S indicates the thickness of the peripheral wall **[(3)]** of the cartridge container **[(6)]**.

18. (Currently Amended) The filter cartridge according to claim 6, wherein the lateral wall **[(16)]** has an upper wall section **[(17)]**, which extends upward from the common wall section **[(15)]** at least up to height of the lid bottom **[(11)]**.

19. (Currently Amended) The filter cartridge according to claim 8, further comprising a back-up ring **[(20)]** arranged on the lid **[(10)]**.

20. (Currently Amended) The filter cartridge according to claim 12, wherein at least one section **[(19)]** of the common wall section **[(15)]** is laser welded with the peripheral wall **[(3)]**.